



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

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Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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Polypropylene

Moplen HP502H (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	1.8
Flexural Modulus	D790	Mpa	1650
Notched Izod Impact@23°C	D256	J/m	60
Tensile Strength@Yield	D638	Mpa	35
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	154
HDT(0.46N/mm ²)	D648	°C	94
Rockwell Hardness	D785	R.Scale	105
Oven Aging@150°C	D3012	Hours	360

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

Moplen HP502H is a polypropylene homo-polymer for general injection moulding applications.

Besides a high stiffness & good impact strength, Moplen HP502H offers also good process ability.

Moplen HP502H is suitable for a wide range of injection moulding applications such as appliance components, textile bobbins, wheels, fitting closures, caps & household articles.

* Moplen HP502H is suitable for food contact.